



## CYCLONE MFG APPROVED PROCESSES AND CAPABILITIES LIST

		Airbus	Boeing	Bombardier	Bombardier - De Havilland	Bombardier - Short Brothers	Embraer	Israel Aerospace Industries	Lockheed Martin	Spirit AeroSystems
<b>Heat Treatment</b>	Heat Treatment / Aging / Stress Relief	AIPS 04-01-001	BAC 5602	BAPS 168-007 BAPS 168-015 BAPS 168-030	PPS 30.04 PPS 30.06	P.SPEC. 401 P.SPEC. 434 P.SPEC. 440	-	PS013000	AMS-2770 C-0521 STP 54-101	SPS-106020
<b>Non-Destructive Testing</b>	Penetrant Inspection	AITM 6-1001	BAC 5423 BSS 7039	BAPS 176-002	PPS 20.03	P.SPEC. 300	NE 07-001	PS810100	ASTM-E-1417 C-0567 MIL-STD-1907 STP 53-201	NAS 410 SPS-104230
<b>Shot Peen</b>	Shot Peen / Shot Peen Forming	AIPS 02-02-004 AIPS 03-10-001	BAC 5730	BAPS 185-002 BAPS 185-003	PPS 17.03 PPS 17.04	P.SPEC. 703 P.SPEC. 708	NE 03-076 NE 40-072 NE 40-100	PS220100	AMS 2430 C-1476 MIL-S-13165 STP 51-501	SPS-107300
<b>Chemical Processing</b>	Boric Sulphuric Acid Anodizing	-	BAC 5632	-	-	-	-	-	-	-
	Chromic Acid Anodizing	ABP 1-1023 AIPS 02-01-001	BAC 5019	BAPS 160-010	PPS 32.03	P.SPEC. 410	NE 40-030	PS231120	MIL-A-8625 Ty 1,1B STP 58-209	MIL-A-8625 Type 1B
	Tartaric Sulphuric Acid Anodizing	AIPS 02-01-003	-	-	-	-	-	-	-	-
	Chem Film / Conversion Coating	AIPS 02-05-001	BAC 5719	BAPS 160-020 BAPS 160-040	PPS 32.01 PPS 32.02 PPS 32.35	P.SPEC. 419	NE 40-006	PS233100 PS233200	C-0498 MIL-DTL-5541 STP 58-405 STP 58-408	SPS-107190
	Passivation	-	BAC 5625	BAPS 180-015	PPS 31.05	-	-	-	C-0170	-
<b>Paint</b>	Primer / Fuel Tank Coating / Topcoat	ADET 0071 AIPS 05-02-009	BAC 5710 BAC 5736 BAC 5845 BAC 5882	BAPS 138-029 BAPS 138-043 BAPS 138-044 BAPS 138-046 BAPS 138-055 BAPS 157-026 BAPS 710-003	PPS 21.03 PPS 32.09 PPS 34.01 PPS 34.03 PPS 34.08 PPS 34.16 PPS 34.20	P.SPEC. 910	NE 40-135 NE 40-143 NE 40-159 NE 40-160	PS243500 PS243520 PS243701 PS243900 PS249150	AMS-C-27725 C-378-M G639 MIL-F-18264 STP 59-505	SPS-107100 SPS-107360
<b>Miscellaneous</b>	Machining/ Fabrication	AIFI 01-02-003 AIFI 03-11-001 AIFI 03-11-003	BAC 5300	BAPS 185-000 BAPS 188-001 BAPS 188-002 MPS 250-051 MPS 250-072	PPS 01.02 PPS 01.21 PPS 01.36	-	NE 03-051	PS551100	STP51-400	-
	Part Marking	AIPS 08-03-002	BAC 5307	BAPS 144-005	PPS 15.01	-	NE 01-040	PS500100	C-0227	SPS-103070
	Inspection Methods	AITM 6-6004	BAC 5946	BAPS 168-013 MPS 250-303	PPS 20.07 PPS 20.08	-	NE 07-012	PS800200 PS800400 PS851000	C-0566 LMA-PC009	AMS 2658
	Electrical Bonding	AIPS 07-01-006	-	BAPS 145-002	PPS 9.06	-	PF 80-241	-	C-1478	-
	Assembly	AIPS 01-01-004 AIPS 01-02-003 AIPS 01-02-008 AIPS 01-02-017 AIPS 01-02-019 AIPS 03-03-012 AIPS 05-05-001 AIPS 05-05-003 AIPS 05-05-004	BAC 5000 BAC 5004 BAC 5064 BAC 5435	BAPS 151-001 BAPS 157-028 BAPS 157-030 BAPS 175-004 BAPS 175-005	PPS 12.04 PPS 21.20 PPS 21.21	-	-	PS070100 PS070500 PS080100 PS313100 PS510100 PS510300 PS520100	0581 C-269-M C-331-M C-337-M DS30011 STP60-505	-
	Chemical Cleaning	AIFI 09-01-002 AIFI 09-01-003	BAC 5749 BAC 5765 BAC 5786	BAPS 180-001 BAPS 180-029 BAPS 180-030 BAPS 180-032	PPS 31.02	-	NE 40-012	PS211600	C-0170 STP 57-301	SPS-107490 SPS-107650 SPS-107860
	Laboratory	-	ASTM-B-117	BAERD-GEN-018	-	-	-	PS808000	ASTM-B-117	ASTM-B-117 SSS-143020